Claims

1 1. (Previously Amended) In a client system, an automated method for assisting

2 a user of the client system in retrieving and browsing information, the method

3 comprising:

4 retrieving and displaying on a display of the client system for browsing, a first

5 information page having first contents, responsive to user direction; and

6 automatically assembling and augmenting the first information page being

7 browsed with one or more information source identifiers directly identifying one or

8 more information pages with second contents that may be additionally retrieved,

9 based at least in part on a portion of the content of said first information page, the

10 second contents directly augmenting the first content.

1 2. (Previously Amended) The method of claim 1, wherein the method further

2 comprises performing on said client system in real time, on retrieval of the first

3 information page, analysis of the first information page to determine presence ones

4 of first keywords in the portion of the content of said first information page on which

5 said automatic assembling and augmenting is based.

1 3. (Previously Amended) The method of claim 2, wherein said analysis

2 comprises performing on said client system in real time, on retrieval of the first

3 information page, scanning of said first information page for unique nouns presence,

4 accessing a current table of keywords to determine if any of the unique nouns are to

5 be considered as keywords, and outputting those unique nouns that should be so

6 considered as the presence ones of first keywords.

1   4.   (Previously Amended) The method of claim 3, wherein the method further

2   comprises designating to a browser of the client system a first of a plurality of tables

3   of keywords as the current table of keywords.

1   5.   (Original) The method of claim 4, wherein the method further comprises

2   loading/downloading said plurality of tables of keywords onto the client system.

1   6.   (Previously Amended) The method of claim 3, wherein said analyzing further

2   comprises performing on said client system in real time, on retrieval of the first

3   information page, retrieval of second keywords related to the presence ones of first

4   keywords from one or more tables of related keywords, using said presence ones of

5   first keywords.

1   7.   (Previously Amended) The method of claim 6, wherein said automatic

2   assembling and augmenting comprises performing on said client system in real

3   time, on retrieval of the first information page, retrieval of one or more information

4   source identifiers identifying one or more information pages associated with the

5   second keywords, from one or more information source tables, using said second

6   keywords.

1   8.   (Original) The method of claim 7, wherein the method further comprises

2   loading/downloading said one or more tables of information sources onto the client

3   system.

1   9.   (Previously Amended) The method of claim 3, wherein said automatic

2   assembling and augmenting comprises performing on the client system in real time,

3   on retrieval of the information page, assembly of the one or more information source

4   identifiers based at least in part on the presence ones of first keywords in said first

5   information page.

1   10.   (Previously Amended) The method of claim 1, wherein the method further

2   comprises performing on the client system in real time, on retrieval of the

3   information page, transmission to a server, which is not a source server of the first

4   information page, a selected one of [(a) a locator of the first information page

5   identifying a third party location from where the first information page is being

6   retrieved, (b) a plurality of unique nouns of the first information page, (c) a plurality

7   of first keywords present in the first information page, and (d) a plurality of second

8   keywords related to the first keywords].

1   11.   (Previously Amended) The method of claim 1, wherein said first information

2   page is an information page constituted using a mark-up language.

1   12.   (Previously Amended) The method of claim 1, wherein the method further

2   comprises displaying on said display a selected one of (a second information page

3   corresponding to a first of the additional information pages, and a thumbnail of the

4   second information page).

1   13.   (Previously Amended) The method of claim 12, wherein said displaying of a

2   thumbnail comprises performing on said client system in real time, on retrieval of the

3   first information page, a selected one of [(a) retrieving said thumbnail and (b)

4   retrieving said second information page and dithering said retrieved second

5   information page to form said thumbnail].

1 14.   (Previously Amended) The method of claim 12, wherein said displaying of a

2 thumbnail is made responsive to proximate placement of a cursor next to a first

3 information source identifier corresponding to said second information page.

1 15.   (Previously Amended) In a client system, an automated method for assisting

2 a user of the client system to retrieve and browse information, the method

3 comprising:

4   retrieving and displaying on a display of the client system for browsing, a first

5 information page having content, responsive to user direction;

6   performing on said client system in real time, on retrieval of the first

7 information page, analysis of the first information page to determine presence ones

8 of first keywords in at least a portion of the content of said first information page,

9 and second keywords related to the presence ones of first keywords;

10   automatically assembling and augmenting the first information page being

11 browsed with one or more information source identifiers identifying one or more

12 information pages that may be additionally retrieved, based at least in part on the

13 automatically determined presence ones of first keywords in said portion of the

14 content of said first information page, and said second keywords; and

15   presenting on the display, responsive to a user event, a thumbnail of a

16 second information page corresponding to a first of the identified information pages.

1 16.   (Previously Amended) The method of claim 15, wherein said presenting of

2 the thumbnail comprises performing on the client system in real time, a selected one

3 of [(a) retrieving said thumbnail and (b) retrieving said second information page, and

4 dithering said retrieved second information page to form said thumbnail].

1   17.   (Previously Amended) The method of claim 15, wherein said presenting of

2   the thumbnail is made responsive to proximate placement of a cursor next to a first

3   information source identifier corresponding to the second information page.

1   18.   (Previously Amended) In a server system, an automated method for

2   facilitating provision of assistance to a user of a networked client system to retrieve

3   and browse information, the method comprising:

4   receiving from said client system in real time, on retrieval from a third party

5   location by the client system a first information page to be browsed on the client

6   system, related first keywords of presence ones of second keywords in the first

7   information page, where at least presence ones of the second keywords of the first

8   information page are dynamically determined by the client system in real time on

9   retrieval of the first information page; and

10   in response, providing to said client system a plurality of information source

11   identifiers identifying a plurality information pages that may be additionally retrieved,

12   based at least in part on said received related first keywords to enable the first

13   information page to be automatically augmented on the client system with

14   information source identifiers identifying information pages based on the related first

15   keywords.

1   19.   (Original) The method of claim 18, wherein the method further comprises

2   providing to said client system a thumbnail of a second information page

3   corresponding to a first of said information source identifiers.

1   20.   (Original) The method of claim 19, wherein the method further comprises

2   retrieving said second information page and dithering said second information page

3   to form said thumbnail.

1 21. (Previously Amended) In a server system, an automated method for

2 facilitating provision of assistance to a user of a networked client system to retrieve

3 and browse information, the method comprising:

4   receiving from said client system in real time, on retrieval from a third party

5 location by the client system a first information page having first content to be

6 browsed on the client system, presence ones of first keywords in the first information

7 page, where presence ones of the first keywords of the first information page are

8 dynamically determined in real time by the client system on retrieval of the first

9 information page; and

10   in response, providing to said client system a plurality of information source

11 identifiers directly identifying a plurality information pages with second contents that

12 may be additionally retrieved, based at least in part on said received presence ones

13 of first keywords, the second contents directly augmenting the first contents.

1 22. (Original) The method of claim 21, wherein the method further comprises

2 dynamically determining related second keywords of said presence ones of first

3 keywords; and said providing of information source identifiers to said client system is

4 made based at least in part on said dynamically determined related second

5 keywords.

1 23. (Original) The method of claim 21, wherein the method further comprises

2 providing to said client system a thumbnail of a second information page

3 corresponding to a first of said information source identifiers.

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1 24. (Original) The method of claim 23, wherein the method further comprises

2 retrieving said second information page and dithering said second information page

3 to form said thumbnail.

1 25. (Previously Amended) In a server system, an automated method for

2 facilitating provision of assistance to a user of a networked client system to retrieve

3 and browse information, the method comprising:

4 receiving from said client system in real time, on retrieval from a third party

5 location by a client system a first information page with first contents to be browsed

6 on the client system, unique nouns of the first information page, where the unique

7 nouns are dynamically determined in real time by the client system on retrieval of

8 the first information page; and

9 in response, providing to said client system a plurality of information source

10 identifiers directly identifying a plurality information pages with second contents that

11 may be additionally retrieved, based at least in part on said received unique nouns,

12 the second contents directly augmenting the first contents.

1 26. (Previously Amended) The method of claim 25, wherein the method further

2 comprises dynamically determining presence ones of first keywords in said first

3 information page using said received unique nouns; and said providing of

4 information source identifiers to said client system is made based at least in part on

5 said dynamically determined presence ones of first keywords.

1 27. (Original) The method of claim 26, wherein the method further comprises

2 dynamically determining related second keywords of said presence ones of first

3 keywords; and said providing of information source identifiers to said client system is

4   further made based at least in part on said dynamically determined related second

5   keywords.

1   28.   (Original) The method of claim 25, wherein the method further comprises

2   providing to said client system a thumbnail of a second information page

3   corresponding to a first of said information source identifiers.

1   29.   (Original) The method of claim 28, wherein the method further comprises

2   retrieving said second information page and dithering said second information page

3   to form said thumbnail.

1   30.   (Previous Amended) In a server system, an automated method for facilitating

2   provision of assistance to a user of a networked client system to retrieve and browse

3   information, the method comprising:

4   receiving in real time from said client system, on retrieval from a third party

5   location by the client system a first information page to be browsed on the client

6   system, a locator of the first information page identifying the third party location; and

7   in response, providing to said client system a plurality of information source

8   identifiers identifying a plurality information pages that may be additionally retrieved,

9   based at least in part on dynamically determined content of the first information

10   page.

1   31.   (Original) The method of claim 30, wherein the method further comprises

2   retrieving said first information page and dynamically analyzing the retrieved first

3   information page in real time to determine presence ones of first keywords in said

4   information page; and said providing of information source identifiers to said client

5   system is made based at least in part on said dynamically determined presence

6   ones of first keywords.

1   32.   (Original) The method of claim 31, wherein the method further comprises

2   dynamically determining related second keywords of said presence ones of first

3   keywords; and said providing of information source identifiers to said client system is

4   further made based at least in part on said dynamically determined related second

5   keywords.

1   33.   (Original) The method of claim 30, wherein the method further comprises

2   providing to said client system a thumbnail of a second information page

3   corresponding to a first of said information source identifiers.

1   34.   (Original) The method of claim 33, wherein the method further comprises

2   retrieving said second information page and dithering said second information page

3   to form said thumbnail.

1   35.   (Previously Amended) A client system comprising:

2   a display; and

3   a browser to facilitate augmented viewing of a first retrieved information page

4   having first contents, including an analyzer equipped to dynamically and

5   automatically assemble a plurality of information source identifiers directly identifying

6   a plurality of information pages with second contents that may be additionally

7   retrieved, based at least in part on a portion of said content of the first retrieved

8   information page, the second contents directly augmenting said first contents.

1   36.   (Previously amended) The client system of claim 35, wherein the analyzer

2   further comprises a lexical analyzer to facilitate determination in real time unique

3   nouns in said first retrieved information page being browsed.

1   37.   (Previously amended) The client system of claim 35, wherein the client

2   system further comprises an information source database having a plurality of

3   keywords and a plurality of information source identifiers associated with the

4   keywords.

1   38.   (Previously amended) The client system of claim 35, wherein the client

2   system further comprises a dithering module to dither a second information page

3   retrieved to augment the first retrieved information page, to generate a thumbnail of

4   the second retrieved information page.

1   39.   (Previously Amended) A server system comprising:

2   a network interface to couple the server system to a network;

3   programming instructions and an information source database having a first

4   plurality of keywords and a plurality of associated information source identifiers of

5   the first keywords, directly identifying a plurality of information pages with first

6   contents that may be additionally retrieved, to facilitate automatic augmented

7   provision of dynamically assembled information source identifiers by a browser of a

8   coupled client system, based at least in part on a portion of a first information page

9   with second content retrieved from a third party location for browsing on said client

10   system, the first contents directly augmenting the second contents.

1   40.   (Previously Amended) The server system of claim 39, wherein the server

2   system further comprises

3 a keyword database, having a second plurality of keywords and said first

4 plurality of keywords, the first and second keywords being related, to facilitate

5 determination of related second keywords of presence ones of first keywords in the

6 first retrieved information page.

1 41. (Previously Amended) The server system of claim 39, wherein the

2 programming instructions implement a lexical analyzer to facilitate determination of

3 unique nouns in said first retrieved information page being browsed, for use in

4 determining presence ones of said first keywords in said first retrieved information

5 page being browsed.

1 42. (Previously Amended) The server system of claim 39, wherein the

2 programming instructions implement a dithering module to dither a second retrieved

3 information page retrieved to augment the first retrieved information page to

4 generate a thumbnail of the second retrieved information page.